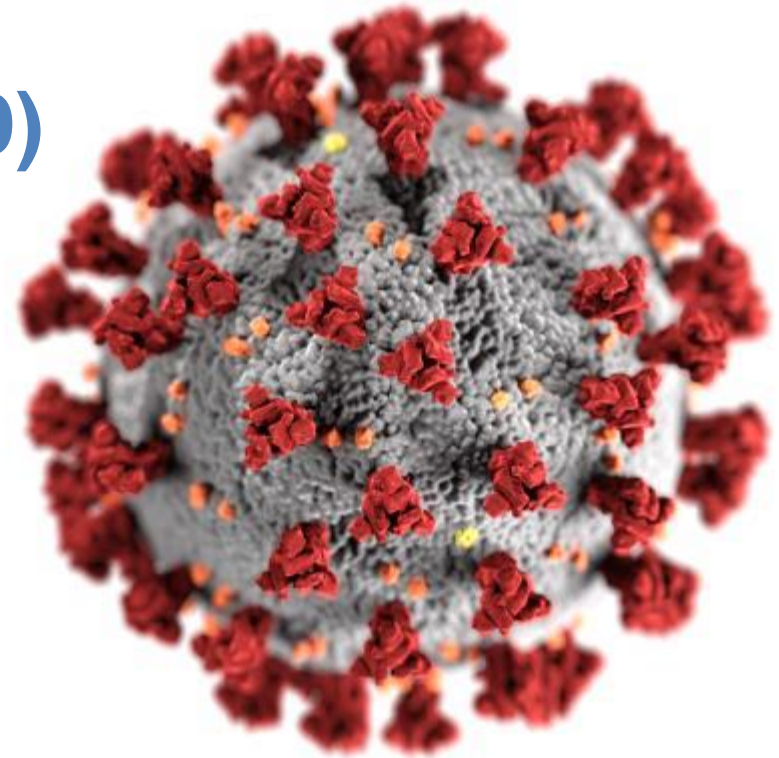


2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

July 30, 2020



We will begin in just a few moments. Thanks!



SOUTH DAKOTA DEPARTMENT OF HEALTH

This is an **emerging, rapidly evolving situation**. Information in this presentation is current as of July 29, 2020. Please check the South Dakota Department of Health website for the most current information and guidance.

COVID.sd.gov



SOUTH DAKOTA DEPARTMENT OF HEALTH

Agenda

- Situation Update
- Laboratory Guidance
- Infection Prevention
- Community Mitigation
- Supply Chain Management
- On-going Communications
- Q&A Session

Note: Slides and a recording of the presentations will be posted to doh.sd.gov/news/COVID19/Calls.aspx following the webinar.



SOUTH DAKOTA DEPARTMENT OF HEALTH



Situation Update

Coronavirus Situation (as of July 29, 2020)

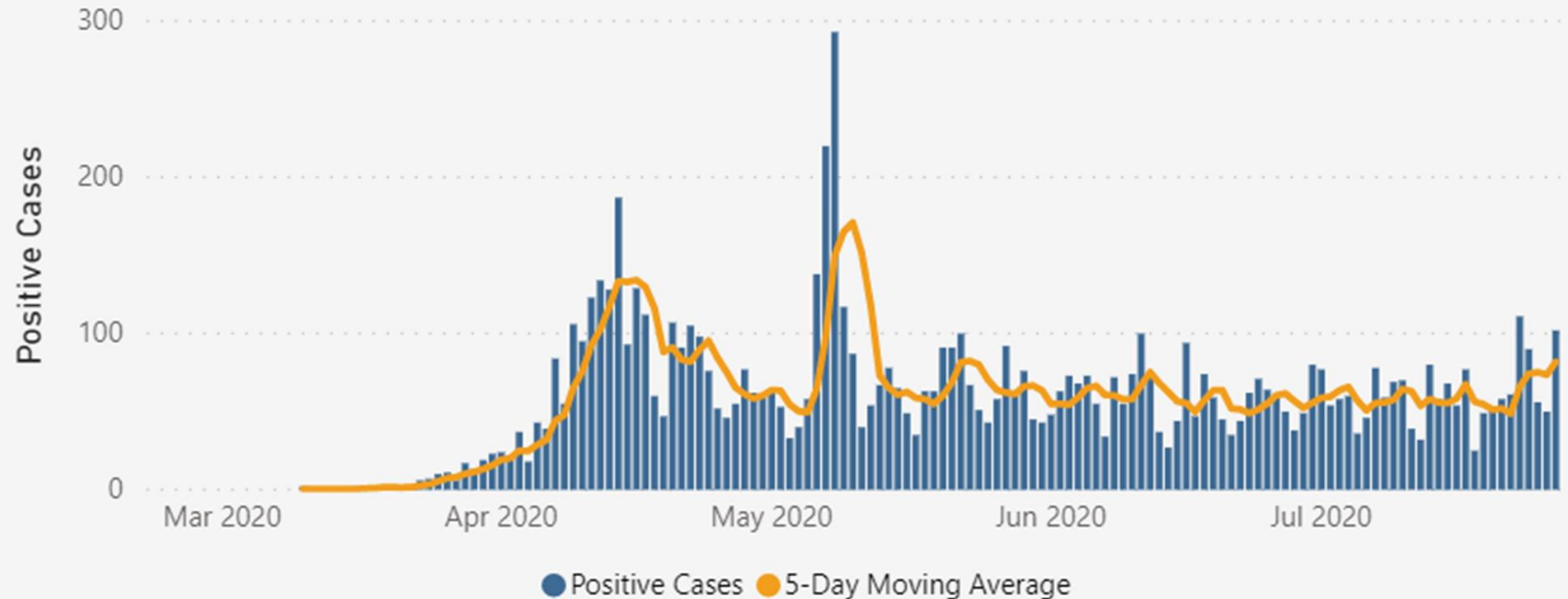
- [International](#)
 - 16,558,289 confirmed cases
 - 656,093 deaths
- [United States](#) (50 states + DC)
 - 4,339,997 confirmed cases in U.S.
 - 148,866 deaths
- [South Dakota](#)
 - 8,641 confirmed cases in South Dakota
 - 129 deaths
 - 7,609 recovered



Epidemiologic “Epi” Curve of COVID-19 Cases, by Onset Date

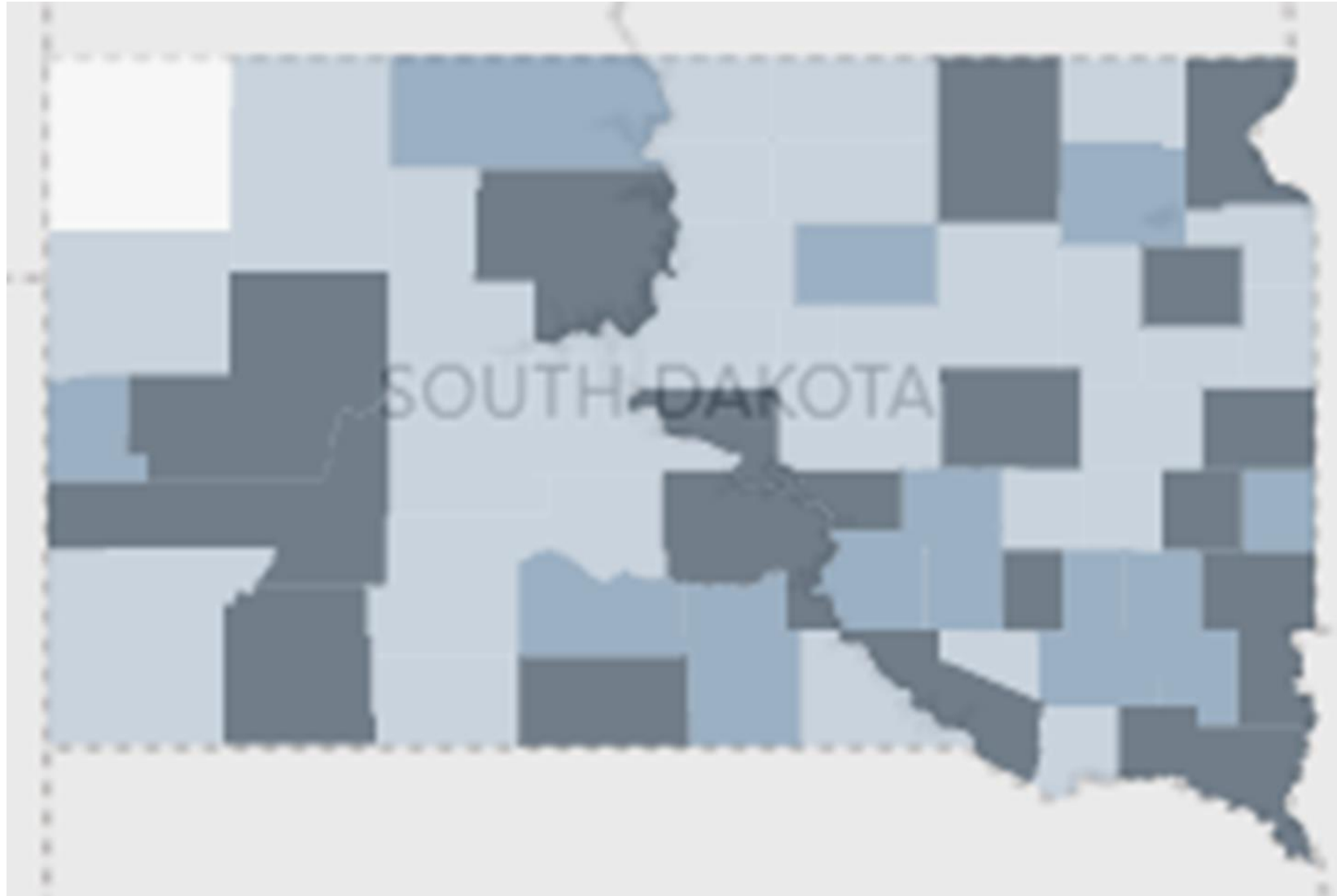
As of July 29, 2020

Positive Cases in South Dakota by Date



COVID-19 Cases, by County

As of July 29, 2020



General Testing Recommendations

Medical providers are recommended to test individuals with signs and symptoms compatible with COVID-19 infection, including:

- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>



COVID-19 in SD Children

- Data are as of July 27
- 1,003 cases among 0–19 year olds
 - 322 among 0–9 year olds
 - 737 among 10–19 year olds
- Symptoms present
 - 62% among 0–9 year olds
 - 68% among 10–19 year olds
- Hospitalizations (24 hospitalizations; 46% had a chronic condition)
 - 4% among 0–9 year olds
 - 2% among 10–19 year olds
- Chronic medical conditions present
 - 9% among 0–9 year olds
 - 18% among 10–19 year olds

Chronic medical conditions

Heart, lung, or kidney disease

Diabetes

Immunosuppressive condition

Neurologic condition

Smoker, current/former



SOUTH DAKOTA DEPARTMENT OF HEALTH

Methanol in Hand Sanitizer

- Methanol is not an acceptable ingredient for hand sanitizer and must not be used due to its toxic effects
- FDA recall of hand sanitizer products containing methanol
 - First issued June 19
 - Updated and expanded July 2 and July 27
- List of hand sanitizers that FDA advises consumers not to use:
<https://www.fda.gov/drugs/drug-safety-and-availability/fda-updates-hand-sanitizers-methanol#products>
- **3 individuals with methanol poisoning have been reported to SD-DOH**
 - All 3 hospitalized
 - 1 died



Selected CDC Updates

Available at <https://www.cdc.gov/coronavirus/2019-ncov/whats-new-all.html>

- Scientific evidence for Conditions that Increase Risk of Severe Disease: <https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/evidence-table.html>
- Funeral guidance: <https://www.cdc.gov/coronavirus/2019-ncov/daily-life-coping/funeral-guidance.html>
- Operational considerations for schools: <https://www.cdc.gov/coronavirus/2019-ncov/global-covid-19/schools.html>
- Toolkit for people with disabilities: <https://www.cdc.gov/coronavirus/2019-ncov/communication/toolkits/people-with-disabilities.html>





Laboratory Guidance

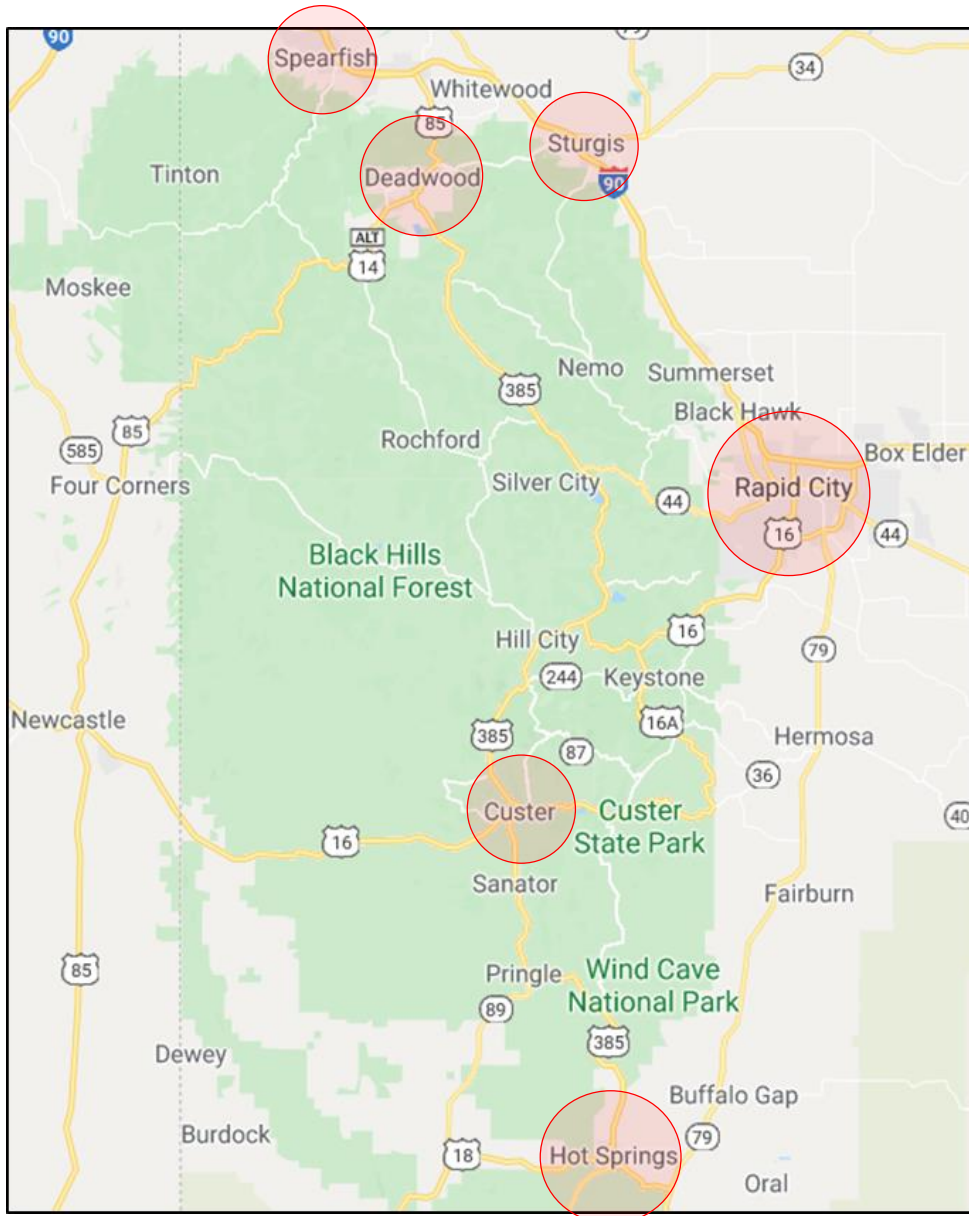
Statewide Priority Populations for SARS-CoV-2 Testing

It is a statewide priority that ALL individuals with symptoms of COVID-19 be tested for SARS-CoV-2 with the recommendation from a health care provider

- Hospitalized individuals
- Healthcare workers, first responders, and active military
- Critical infrastructure workers in food manufacturing and agriculture
- Individuals in communal living settings like long-term care facilities
- Underinsured or uninsured individuals
- Low-income individuals or individuals unable to pay for testing
- Homeless individuals



SARS-CoV-2 Testing Support: Rally 2020



- Abbott ID Now instruments and test kits have been placed throughout the Black Hills
- Locations Include:
- Rapid City
- Sturgis
- Lead/Deadwood
- Spearfish
- Custer
- Hot Springs

SARS-CoV-2 Testing Support: Public Universities and Technical Colleges



● Universities

● Technical Schools

- Black Hills State University
- SD School of Mines and Technology
- The University of South Dakota
- Dakota State University
- South Dakota State University
- Northern State University
- Mitchell Technical College
- Western Dakota Technical Institute
- Lake Area Technical Institute
- Southeast Technical Institute



SOUTH DAKOTA DEPARTMENT OF HEALTH

Long-Term Care Antigen Testing

- HHS will place rapid testing devices in LTC facilities across the country
- Initial placement will be focused on COVID hotspots in the US
- Placement of antigen testing instruments and tests should be completed in the next 8 weeks.
- SDDOH continues to wait for additional information from HHS for placement of antigen testing in South Dakota long-term care facilities
- Antigen testing does not replace the need for sentinel surveillance in South Dakota long-term care facilities
- Sentinel surveillance performed by SDPHL will continue



Long-Term Care Antigen Testing

- Three facilities in South Dakota will receive antigen testing instruments and supplies.
- Facilities will be made aware of shipments directly from the device manufacturers.
- Refer to <https://data.cms.gov/stories/s/COVID-19-Nursing-Home-Data/bkwz-xpvg/> to view distribution list and access frequently asked questions.
- Most shipments will occur in the first 3 weeks but may take up to 14 weeks based on supply availability.
- Facilities will follow the device manufacturers' instruction for use

Federal Remdesivir Allocation

- Remdesivir continues to be allocated to South Dakota for purchase by health care facilities
- To purchase remdesivir, health care facilities must:
 - meet the previously established criteria to administer the drug
 - be registered with Amerisourcebergen
 - agree to purchase the drug
- South Dakota will receive 10 cases of remdesivir the week of July 27, and 4 cases the week of August 3.
 - Each case contains enough remdesivir to treat approximately 6 patients
- Questions about the remdesivir allocation and purchase process can be sent to: Bob.Coolidge@state.sd.us



FDA Updates

- Since the beginning of the COVID-19 response, FDA has issued Emergency Use Authorization for the following:
 - 158: In Vitro Diagnostic Products
 - 36: High Complexity Molecular-Based Laboratory Developed Tests
 - 24: Ventilators and Other Medical Devices
 - 19: Personal Protective Equipment and Related Devices
 - 3: Drug Products
- There is significant interest nationwide in at-home tests and saliva tests for SARS-CoV-2.
- FDA recently released a new template for manufacturers of molecular and antigen diagnostic tests for non-laboratory use.
- In the coming weeks, SDDOH will provide an overview of currently available at-home and saliva tests for SARS-CoV-2 as well as a high-level overview of the process for FDA approval of these tests.



Infection Control

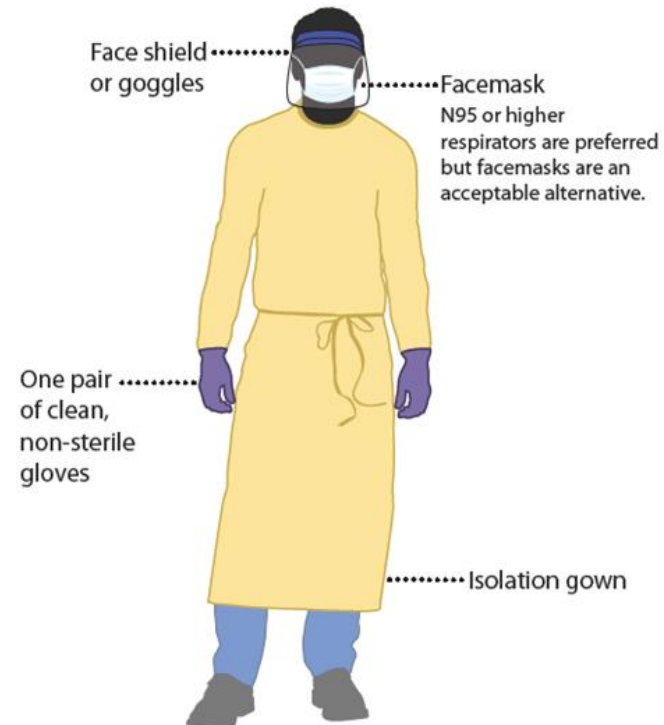
COVID-19 Personal Protective Equipment (PPE) for Healthcare Personnel

Preferred PPE – Use N95 or Higher Respirator



CS 115018-C 03/23/2020

Acceptable Alternative PPE – Use Facemask



[cdc.gov/COVID19](https://www.cdc.gov/COVID19)



SOUTH DAKOTA DEPARTMENT OF HEALTH

Interim U.S. Guidance for Risk Assessment and Work Restrictions for Healthcare Personnel with Potential Exposure to COVID-19

Exposure	Personal Protective Equipment Used	Work Restrictions
HCP who had prolonged ¹ close contact ² with a patient, visitor, or HCP with confirmed COVID-19 ³	<ul style="list-style-type: none">• HCP not wearing a respirator or facemask⁴• HCP not wearing eye protection if the person with COVID-19 was not wearing a cloth face covering or facemask• HCP not wearing all recommended PPE (i.e., gown, gloves, eye protection, respirator) while performing an aerosol-generating procedure¹	<ul style="list-style-type: none">• Exclude from work for 14 days after last exposure⁵• Advise HCP to monitor themselves for fever or symptoms consistent with COVID-19⁶• Any HCP who develop fever or symptoms consistent with COVID-19⁶ should immediately contact their established point of contact (e.g., occupational health program) to arrange for medical evaluation and testing.

Discontinuation of Transmission-Based Precautions and Disposition of Patients with COVID-19 in Healthcare Settings (Update 07/17/2020)

Summary of Changes to the Guidance

Below are changes to the guidance as of July 17, 2020:

- Except for rare situations, a test-based strategy is no longer recommended to determine when to discontinue Transmission-Based Precautions.
- For patients with [severe to critical illness](#) or who are severely immunocompromised¹, the recommended duration for Transmission-Based Precautions was extended to 20 days after symptom onset (or, for asymptomatic severely immunocompromised¹ patients, 20 days after their initial positive SARS-CoV-2 diagnostic test).
- Other symptom-based criteria were modified as follows:
 - Changed from “at least 72 hours” to “at least 24 hours” have passed *since last* fever without the use of fever-reducing medications.
 - Changed from “improvement in respiratory symptoms” to “improvement in symptoms” to address expanding list of symptoms associated with COVID-19.
- A summary of current evidence and rationale for these changes is described in a [decision memo](#).

Criteria for Return to Work for Healthcare Personnel with SARS-CoV-2 Infection

(Update 07/17/2020)

Summary of Recent Changes as of July 17, 2020

- Except for rare situations, a test-based strategy is no longer recommended to determine when to allow HCP to return to work.
- For HCP with [severe to critical illness](#) or who are severely immunocompromised¹, the recommended duration for work exclusion was extended to 20 days after symptom onset (or, for asymptomatic severely immunocompromised¹ HCP, 20 days after their initial positive SARS-CoV-2 diagnostic test).
- Other symptom-based criteria were modified as follows:
 - Changed from “at least 72 hours” to “at least 24 hours” have passed *since last* fever without the use of fever-reducing medications
 - Changed from “improvement in respiratory symptoms” to “improvement in symptoms” to address expanding list of symptoms associated with COVID-19
- A summary of current evidence and rationale for these changes is described in a [Decision Memo](#).



Community Mitigation

New Positive Cases Today*

79

Active
Cases*

864

Currently
Hospitalized**

54

Recovered*

6280

Total Positive
Cases*

7242

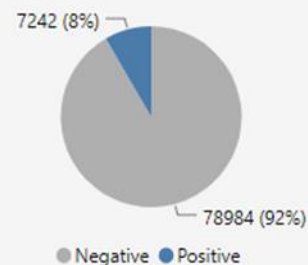
Ever
Hospitalized**

709

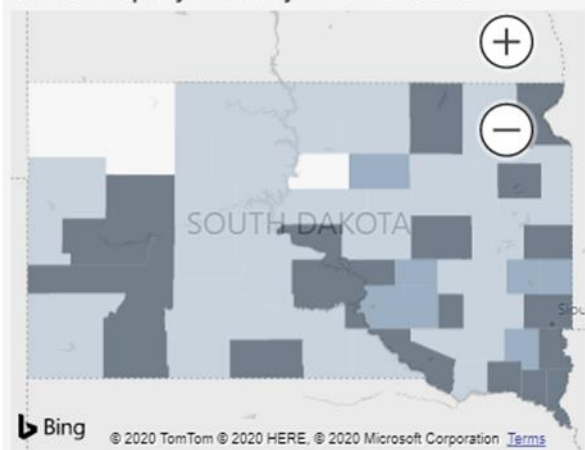
Deaths***

98

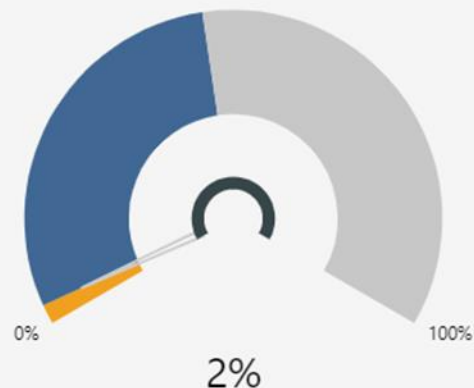
Case Results*



Case Map by County of Residence

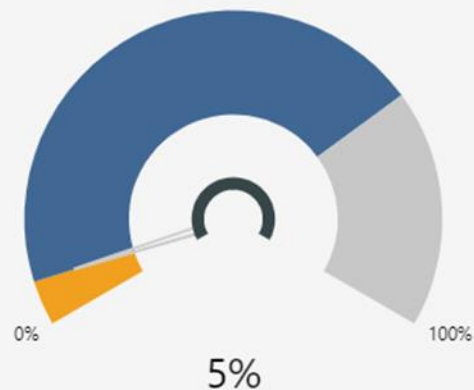


Staffed Hospital Bed Capacity



% COVID-19 Occupied Hospital Beds	% Non-COVID-19 Occupied Hospital Beds	% Available Hospital Beds
2%	46%	51%

Staffed ICU Bed Capacity



% COVID-19 Occupied ICU Beds	% Non-COVID-19 Occupied ICU Beds	% Available ICU Beds
5%	67%	28%

Dashboard

County

All

Rate of Cases, Last 14 Days

92

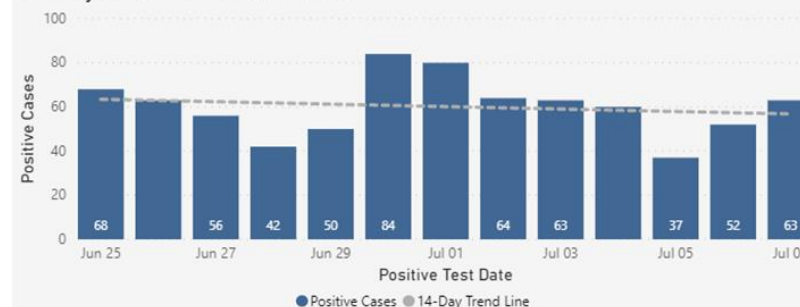
(per 100,000)

Rate of Cases, Cumulative

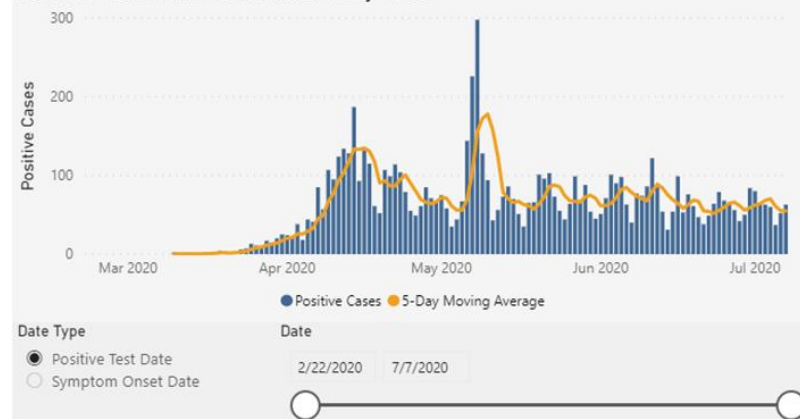
824

(per 100,000)

14-Day Trend of Positive Cases



Positive Cases in South Dakota by Date





Supply Chain Management

PPE Request Procedure

All requests for PPE from DOH must be:

- Emailed to COVIDResourceRequests@state.sd.us
- Faxed to **605.773.5942**, or
- Called in to **605.773.3048** to ensure prioritization and coordination of requests.
- Do not duplicate your request by using all three means of communication.
- Any requests received through any other email or number will all be directed to email COVIDResourceRequests@state.sd.us OR call **605.773.3048** and requesting entities must provide information regarding their current facility status.



On-going Communication

Helpful Information Sources

COVID.sd.gov

coronavirus.gov

SD COVID-19 Help Line: 800-997-2880

SOUTH DAKOTA
COVID-19 INFORMATION LINE

Questions about COVID-19? We're here to help.

PLEASE CALL **1-800-997-2880**



Communications

- SD-HAN: sdhan.sd.gov
- [Epi Listserv](#)
- [Lab Listserv](#)
- [HAI Listserv](#)
- [OLC Listserv](#)

Visit **COVID.sd.gov** to subscribe

SOUTH DAKOTA
COVID-19 INFORMATION LINE
Questions about COVID-19? We're here to help.
PLEASE CALL **1-800-997-2880**



Questions?

COVID Helpline: **800-997-2880**

Epidemiology: **605-773-3737**

Laboratory: **605-773-3368**

COVID.sd.gov

COVIDSD@state.sd.us

Slides: doh.sd.gov/news/COVID19/Calls.aspx



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